RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/521,691
Source: PCT
Date Processed by STIC: 2-1-05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/521,691 : CRF Edit Date: 2/1/05
Edited by: KB

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

✓ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

_____

___ Moved responses to same line as heading/numeric identifier, specifically:

_____

___ Other:

_____

_____

_____

Revised 09/09/2003

PCT

RAW SEQUENCE LISTING DATE: 02/01/2005
PATENT APPLICATION: **US/10/521,691** TIME: 15:09:29

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\01312005\J521691.raw**

```
      3 <110> APPLICANT: OKOCHI, Masayasu; TAKEDA, Masatoshi
      5 <120> TITLE OF INVENTION: NOVEL Notch-ORIGIN POLYPEPTIDES AND BIOMARKERS AND REAGENTS
      6       USING THE SAME
      8 <130> FILE REFERENCE: 10873.1604USWO
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/521,691
C--> 11 <141> CURRENT FILING DATE: 2005-01-18
     13 <150> PRIOR APPLICATION NUMBER: JP 2002-210040
     14 <151> PRIOR FILING DATE: 2002-07-18
     16 <160> NUMBER OF SEQ ID NOS: 22
     18 <170> SOFTWARE: PatentIn version 3.1
     20 <210> SEQ ID NO: 1
     21 <211> LENGTH: 21
     22 <212> TYPE: PRT
     23 <213> ORGANISM: mouse
     25 <400> SEQUENCE: 1
     27 Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
     28 1               5                   10                  15
     31 Met Tyr Val Ala Ala
     32             20
     35 <210> SEQ ID NO: 2
     36 <211> LENGTH: 17
     37 <212> TYPE: PRT
     38 <213> ORGANISM: mouse
     40 <400> SEQUENCE: 2
     42 Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
     43 1               5                   10                  15
     46 Met
     50 <210> SEQ ID NO: 3
     51 <211> LENGTH: 18
     52 <212> TYPE: PRT
     53 <213> ORGANISM: mouse
     55 <400> SEQUENCE: 3
     57 Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
     58 1               5                   10                  15
     61 Met Tyr
     65 <210> SEQ ID NO: 4
     66 <211> LENGTH: 20
     67 <212> TYPE: PRT
     68 <213> ORGANISM: mouse
     70 <400> SEQUENCE: 4
     72 Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
     73 1               5                   10                  15
     76 Met Tyr Val Ala
```

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Input Set : **A:\pto.kd.txt**
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77              20
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 22
82 <212> TYPE: PRT
83 <213> ORGANISM: mouse
85 <400> SEQUENCE: 5
87 Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
88 1               5                  10                  15
91 Met Tyr Val Ala Ala Ala
92              20
95 <210> SEQ ID NO: 6
96 <211> LENGTH: 23
97 <212> TYPE: PRT
98 <213> ORGANISM: mouse
100 <400> SEQUENCE: 6
102 Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
103 1               5                  10                  15
106 Met Tyr Val Ala Ala Ala Ala
107             20
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 24
112 <212> TYPE: PRT
113 <213> ORGANISM: mouse
115 <400> SEQUENCE: 7
117 Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
118 1               5                  10                  15
121 Met Tyr Val Ala Ala Ala Ala Phe
122             20
125 <210> SEQ ID NO: 8
126 <211> LENGTH: 25
127 <212> TYPE: PRT
128 <213> ORGANISM: mouse
130 <400> SEQUENCE: 8
132 Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
133 1               5                  10                  15
136 Met Tyr Val Ala Ala Ala Ala Phe Val
137             20                  25
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 26
142 <212> TYPE: PRT
143 <213> ORGANISM: mouse
145 <400> SEQUENCE: 9
147 Val Lys Ser Glu Pro Val Glu Pro Pro Leu Pro Ser Gln Leu His Leu
148 1               5                  10                  15
151 Met Tyr Val Ala Ala Ala Ala Phe Val Leu
152             20                  25
155 <210> SEQ ID NO: 10
156 <211> LENGTH: 17
157 <212> TYPE: PRT
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RAW SEQUENCE LISTING DATE: 02/01/2005
PATENT APPLICATION: **US/10/521,691** TIME: 15:09:29

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\01312005\J521691.raw**

158 <213> ORGANISM: human
160 <400> SEQUENCE: 10
162 Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
163 1 5 10 15
166 Met
170 <210> SEQ ID NO: 11
171 <211> LENGTH: 18
172 <212> TYPE: PRT
173 <213> ORGANISM: human
175 <400> SEQUENCE: 11
177 Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
178 1 5 10 15
181 Met Tyr
185 <210> SEQ ID NO: 12
186 <211> LENGTH: 20
187 <212> TYPE: PRT
188 <213> ORGANISM: human
190 <400> SEQUENCE: 12
192 Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
193 1 5 10 15
196 Met Tyr Val Ala
197 20
200 <210> SEQ ID NO: 13
201 <211> LENGTH: 21
202 <212> TYPE: PRT
203 <213> ORGANISM: human
205 <400> SEQUENCE: 13
207 Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
208 1 5 10 15
211 Met Tyr Val Ala Ala
212 20
215 <210> SEQ ID NO: 14
216 <211> LENGTH: 22
217 <212> TYPE: PRT
218 <213> ORGANISM: human
220 <400> SEQUENCE: 14
222 Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
223 1 5 10 15
226 Met Tyr Val Ala Ala Ala
227 20
230 <210> SEQ ID NO: 15
231 <211> LENGTH: 23
232 <212> TYPE: PRT
233 <213> ORGANISM: human
235 <400> SEQUENCE: 15
237 Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
238 1 5 10 15
241 Met Tyr Val Ala Ala Ala Ala
242 20

RAW SEQUENCE LISTING DATE: 02/01/2005
PATENT APPLICATION: **US/10/521,691** TIME: 15:09:29

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\01312005\J521691.raw**

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245 <210> SEQ ID NO: 16
246 <211> LENGTH: 24
247 <212> TYPE: PRT
248 <213> ORGANISM: human
250 <400> SEQUENCE: 16
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253 1               5                   10                  15
256 Met Tyr Val Ala Ala Ala Ala Phe
257             20
260 <210> SEQ ID NO: 17
261 <211> LENGTH: 25
262 <212> TYPE: PRT
263 <213> ORGANISM: human
265 <400> SEQUENCE: 17
267 Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
268 1               5                   10                  15
271 Met Tyr Val Ala Ala Ala Ala Phe Val
272             20                  25
275 <210> SEQ ID NO: 18
276 <211> LENGTH: 26
277 <212> TYPE: PRT
278 <213> ORGANISM: human
280 <400> SEQUENCE: 18
282 Val Gln Ser Glu Thr Val Glu Pro Pro Pro Pro Ser Gln Leu His Phe
283 1               5                   10                  15
286 Met Tyr Val Ala Ala Ala Ala Phe Val Leu
287             20                  25
290 <210> SEQ ID NO: 19
291 <211> LENGTH: 57
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Primer 1
298 <400> SEQUENCE: 19
299 atcgtcgtcc ttgtagtctc tcaagcctct tgcgccgagc gcgggcagca gcgttag        57
302 <210> SEQ ID NO: 20
303 <211> LENGTH: 54
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Primer 2
310 <400> SEQUENCE: 20
311 gacaagatgg tgatgaagag tgagccggtg gagcctccgc tgccctcgca gctg          54
314 <210> SEQ ID NO: 21
315 <211> LENGTH: 32
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Primer 3
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RAW SEQUENCE LISTING DATE: 02/01/2005
PATENT APPLICATION: **US/10/521,691** TIME: 15:09:29

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\01312005\J521691.raw**

322 <400> SEQUENCE: 21
323 cctcgcagct gcacctcatg tacgtggcag cg 32
326 <210> SEQ ID NO: 22
327 <211> LENGTH: 32
328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial
331 <220> FEATURE:
332 <223> OTHER INFORMATION: Primer 4
334 <400> SEQUENCE: 22
335 cgctgccacg tacatgaggt gcagctgcga gg 32

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/01/2005
PATENT APPLICATION: **US/10/521,691** TIME: 15:09:30

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\01312005\J521691.raw**

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:19,20,21,22

VERIFICATION SUMMARY DATE: 02/01/2005
PATENT APPLICATION: **US/10/521,691** TIME: 15:09:30

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\01312005\J521691.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date